

now U.S. Patent 6,107,090
This application is a divisional of Application Serial No. 08/838,682, filed on April 9,
1997; which claims the benefit of --

In the Claims:

Please cancel claims 1-23 and 43-67 of the prior application.

Please amend the following claims:

24. (Amended) A method of detecting normal, benign hyperplastic, and cancerous prostate epithelial cells or a portion thereof in a biological sample comprising:

providing [an] a biological agent which binds to an extracellular domain of prostate specific membrane antigen present as an integral membrane protein on a living cell, wherein the biological agent is bound to a label effective to permit detection of said cells or a portion thereof upon binding of the biological agent to said cells or a portion thereof;

contacting the biological sample with the biological agent having a label under conditions effective to permit binding of the biological agent to the extracellular domain of the prostate specific membrane antigen of any of said cells or a portion thereof in the biological sample; and

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detecting a presence of any of said cells or a portion thereof in the biological sample by
detecting the label.

Respectfully submitted,

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